



Gas Supply, Welding,
Cutting, and PPE Solutions:
**Your Most Reliable Option
in Mexico**

AIR
PRODUCTS 

GRUPO
INFRA® 



About Our Company

Grupo INFRA® stands as a prominent Mexican organization that has played a pivotal role in the domestic industry since 1919. **With over a century of experience**, our group has firmly established itself as a central hub for business activities. An elite enterprise with more than 30 companies, we collectively employ over 5,000 dedicated professionals.

In 1980, we entered into a Joint Venture with **Air Products and Chemicals**, one of the world's largest industrial gas manufacturers, operating in over 50 countries with a workforce of 21,000 across five continents. This alliance has significantly bolstered our capabilities and expanded our reach, enabling us to offer our customers access to a broader range of innovative products and solutions.

Today, **Grupo INFRA®** is actively engaged in the production, sales, and distribution of an extensive array of gases, including cryogenic, industrial, high-purity, specialty, and medical gases. Additionally, we provide cryogenic storage tanks, welding and cutting machines, personal protective equipment (PPE), and a diverse range of welding products.

Main Products and Services



On-Site Cryogenic Gas Systems: Installation and Operation



Welding and Cutting Equipment



Bulk / Cryogenic Gases



Filler Metals



Industrial and Specialty Gases



Personal Protective Equipment (PPE)



Medical Gases and Healthcare Solutions



Cryogenic Storage Tanks and Transportation

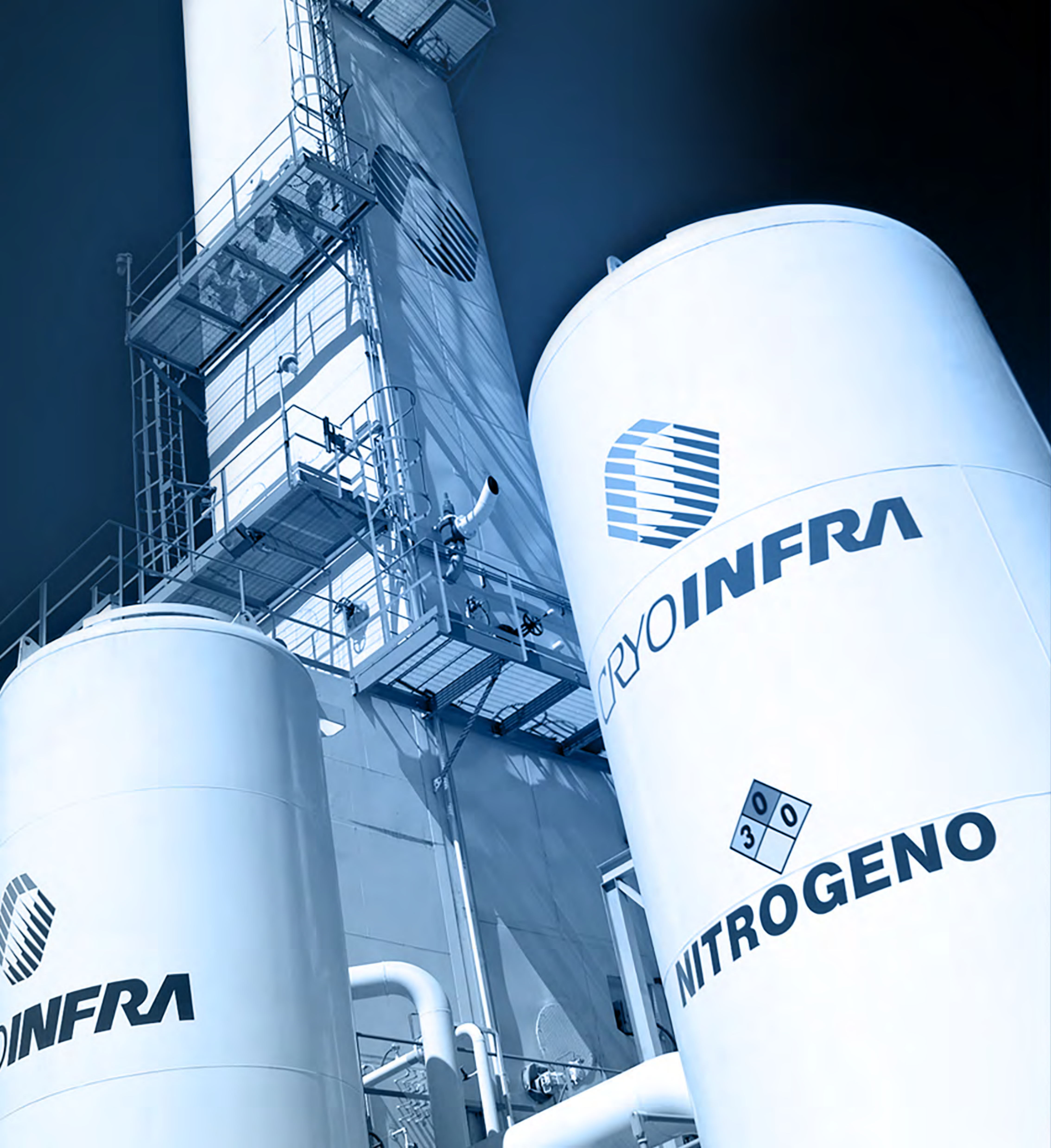


Founded in 1940, **Air Products and Chemicals Inc.** ranks among the top three global industrial gas manufacturers, with operations spanning 50+ countries and five continents, and a workforce exceeding 21,000.

Since 1980, **Grupo INFRA®** and **Air Products** have engaged in a joint venture characterized by the mutual exchange of production technology, plant designs, gas applications, and technological research and development.



Bulk gases



Oxygen	O_2
Nitrogen	N_2
Argon	Ar
Carbon Dioxide	CO_2
Hydrogen	H_2



I. Cryogenic Plants:

- "Merchant" (General Market)
- "Piggy-Back" (Pipeline Supply)
- "On-Site" (At Customer's Facilities)

II. Molecular Adsorption Systems:

- Vacuum Swing Adsorption (VSA) for Oxygen Production
- Pressure Swing Adsorption (PSA) for Nitrogen Production
- High-Purity Nitrogen Membrane Systems

III. Oxygen and Nitrogen Pipeline Distribution Network:

- Nitrogen Injection Services
- On-Site Equipment

AIR PRODUCTS



Industrial Grade Cylinder Gases

- Oxygen
- Nitrogen
- Argon
- Carbon Dioxide (CO₂)
- Helium
- Acetylene
- Compressed Air
- Hydrogen
- Nitrous Oxide
- Dry Ice (Solid CO₂)



Specialty Gases (High Purity)

- Ultra-High Purity Gases
- Multi-Component Mixes
- Calibration Gases and Mixes
- Petrochemical Gases and Mixes
- Laser Gases and Mixes
- Food Industry Gases
- High-Purity Liquid Helium





Medical Gases

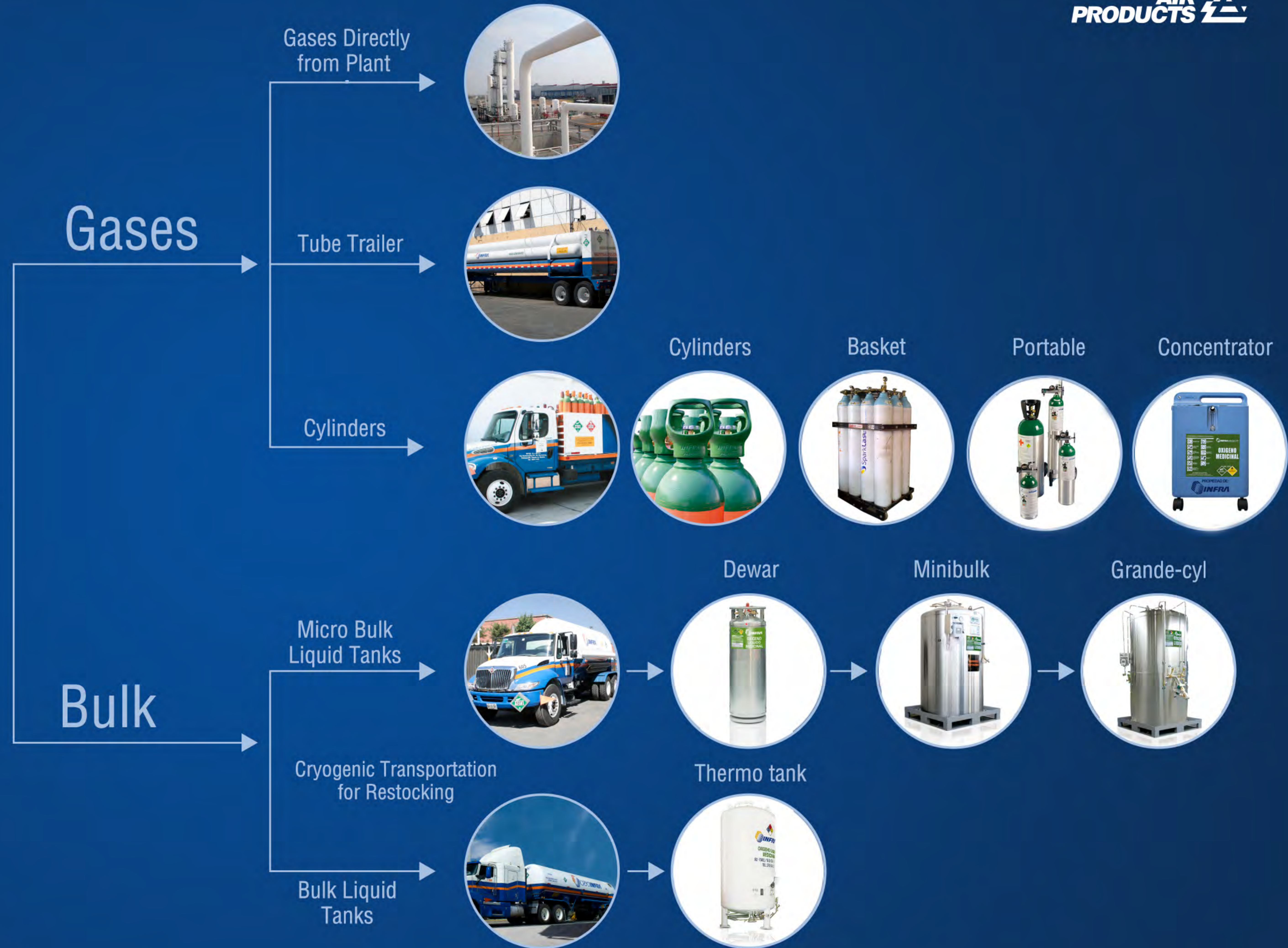
- Hospital and Healthcare Gases
- Home Care Oxygen Services
- Obstructive Sleep Apnea Diagnosis and Treatment
- Hyperbaric Chambers and Cryopreservation



Gases Supply Options



On-Site Systems



On-Site Systems



On site System:
• Cryogenic Systems
• PSA / VSA Systems



Pipeline to Customer Facilities



Customer Facilities



Liquid Backup Tanks



Back-Up Supply Services

Largest Industrial Gas Manufacturer in Mexico



- More than 230 Retail Branches and 50 Filling Centers
- More than 30 Production Plants
- Newest and Biggest Plant (Under construction / 2026)

- + 800 Distribution vehicles
- + 600,000 Cylinders
- + 130,000 Medical equipment
- + 200 Sales executives

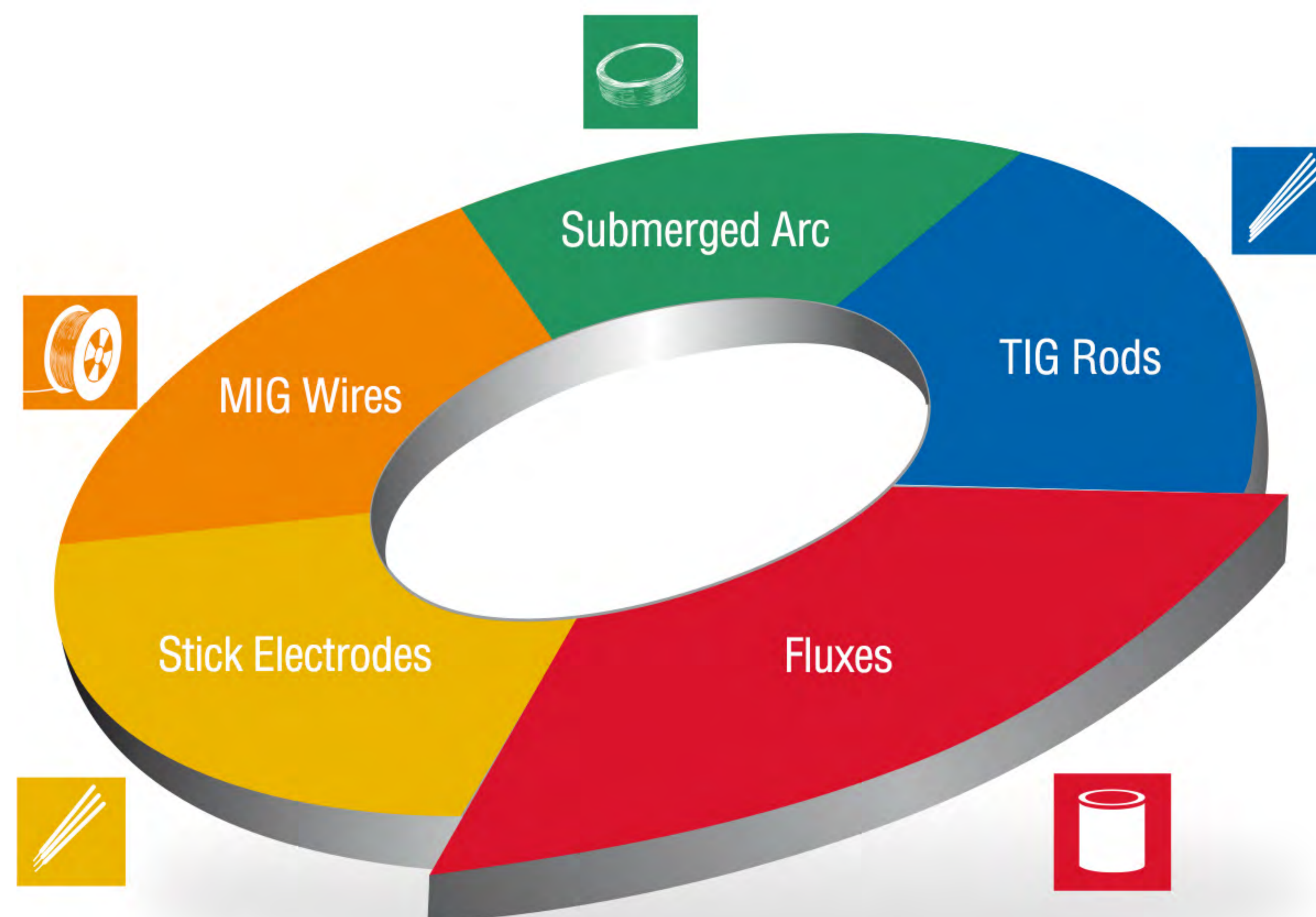


Grupo INFRA®'s Presence in Central America



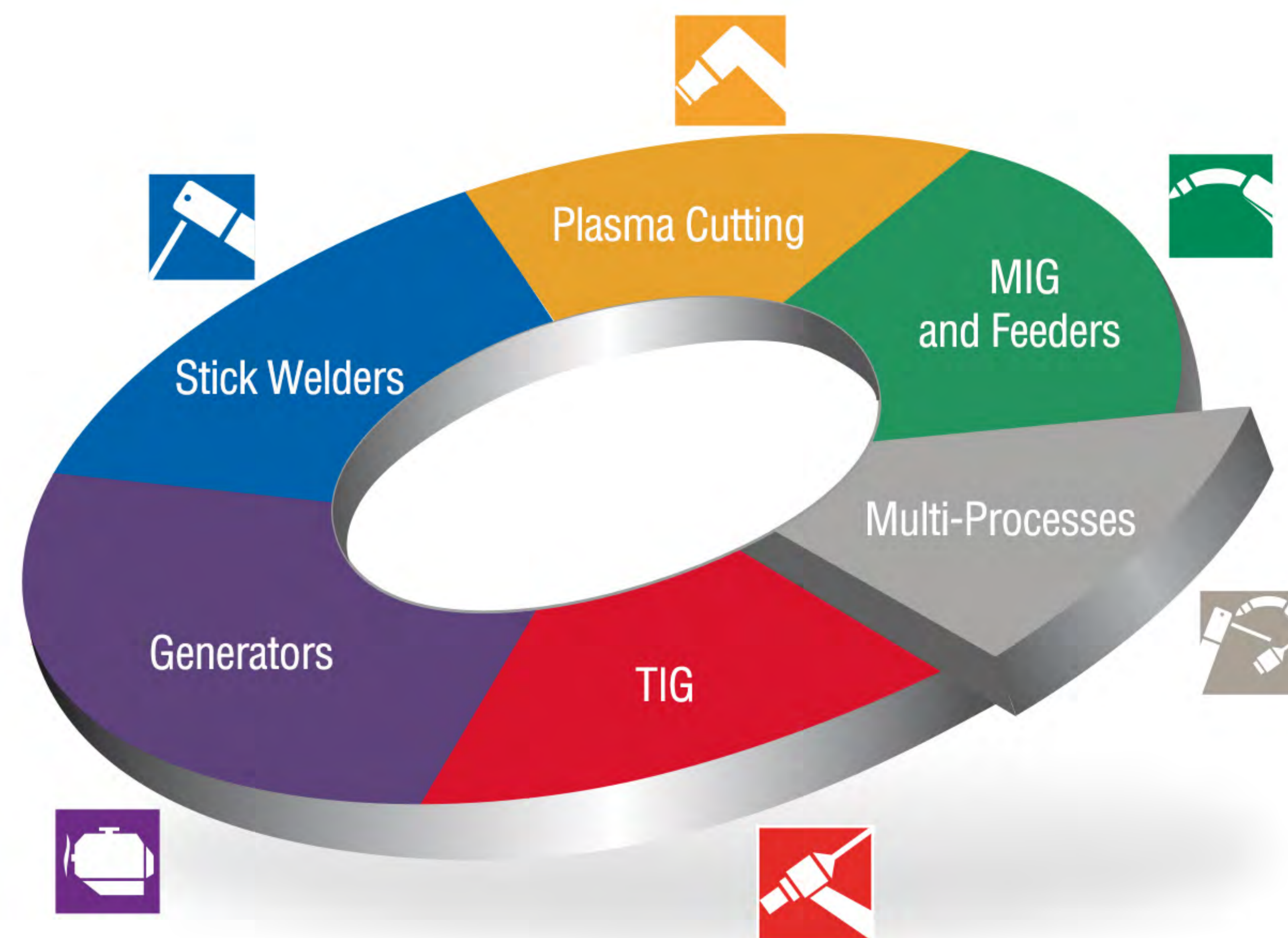


Filler Metals



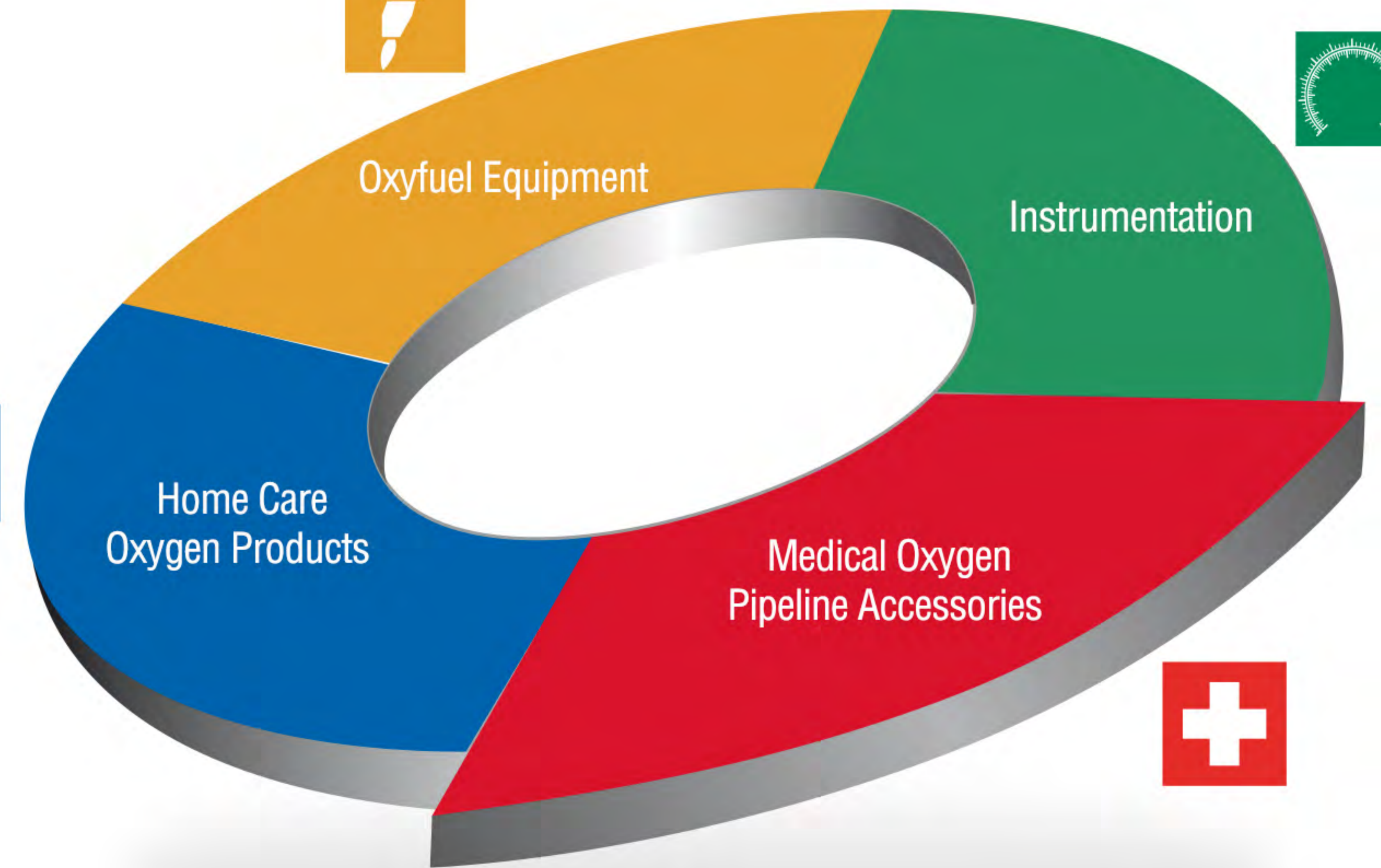


Welding and Cutting Machines



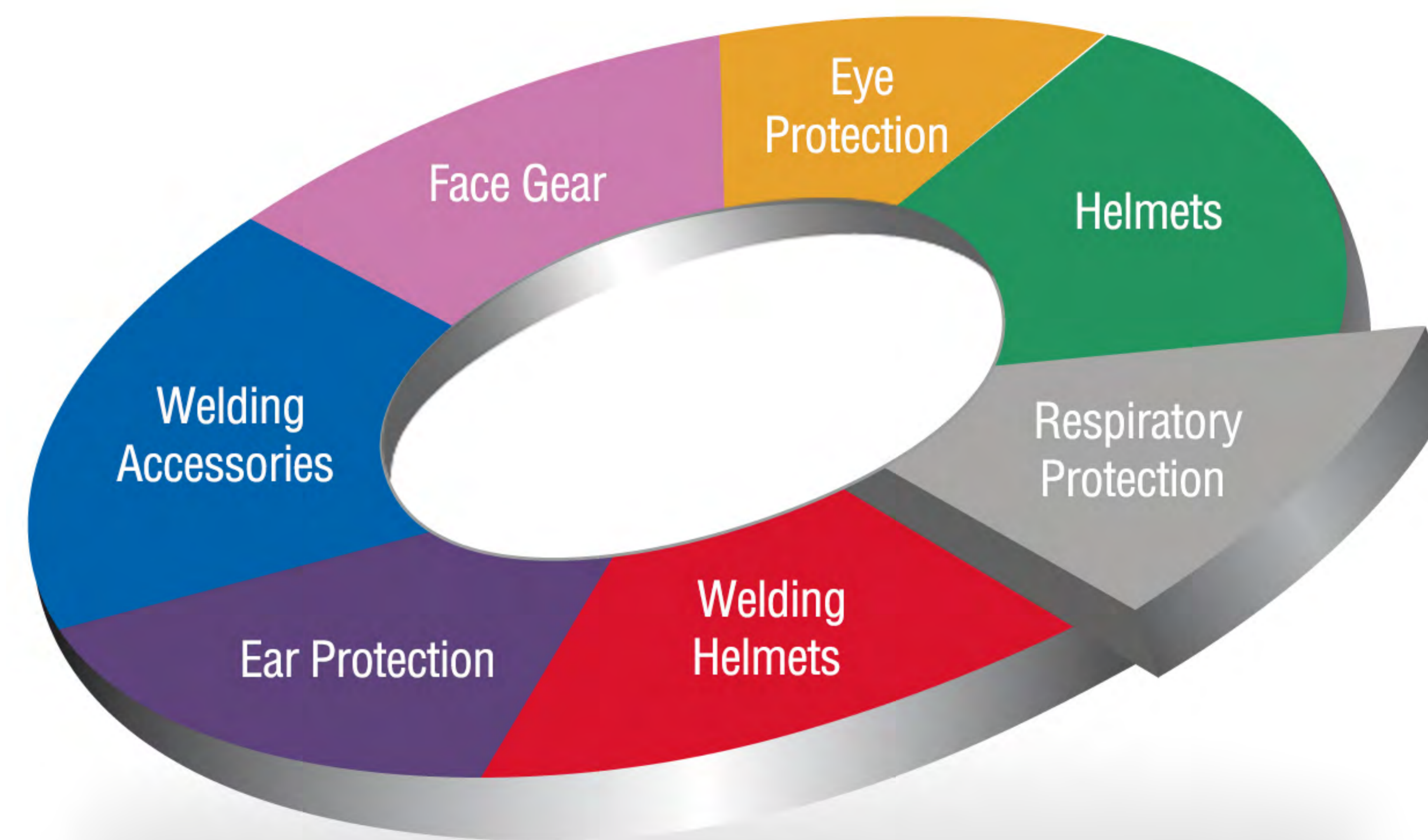


Oxyfuel, Manifolds, Gauges and Medical Oxygen Products





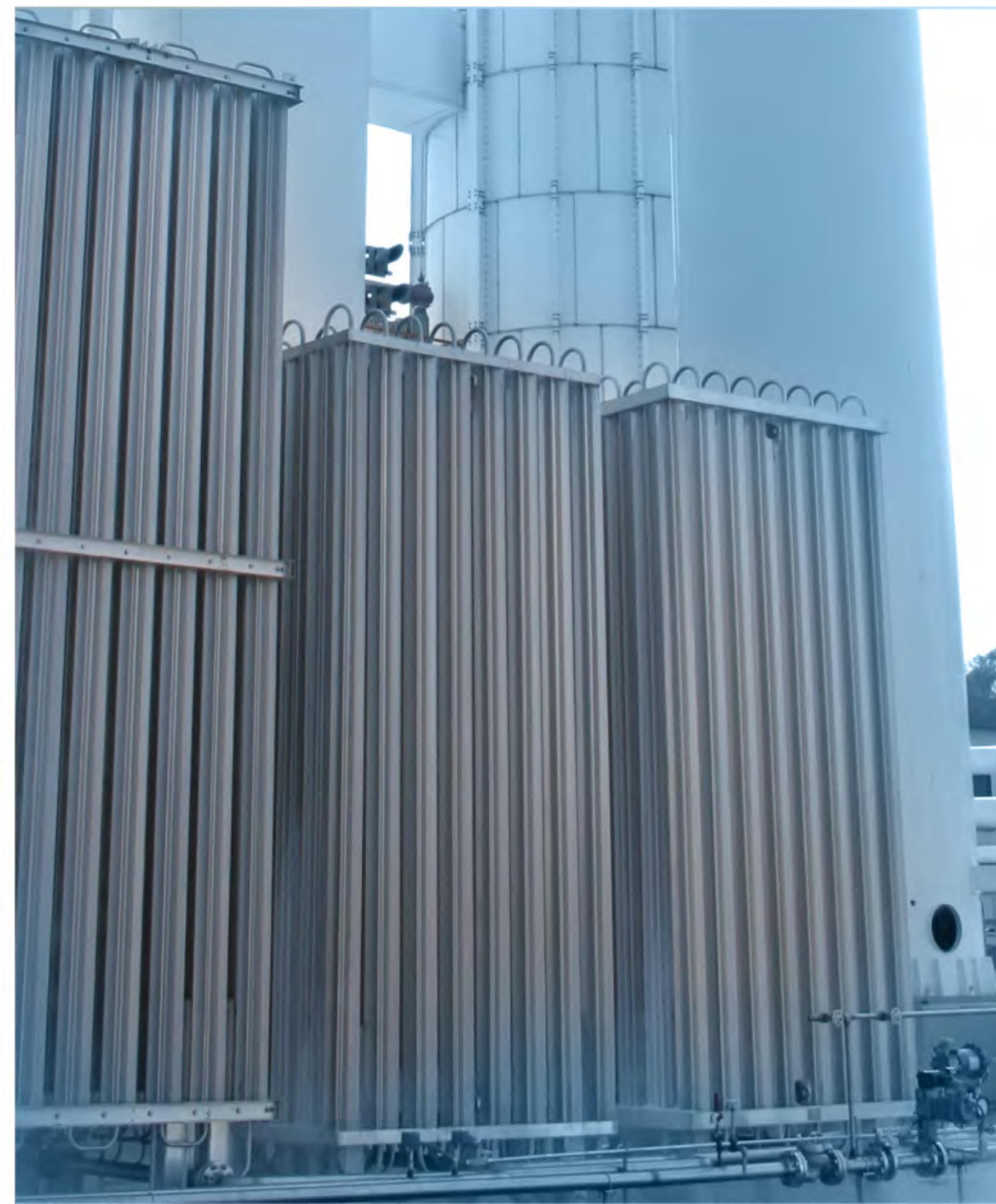
Personal Protective Equipment (PPE)





Cryogenic Storage Tanks

- Cryogenic Tanks
- Cryogenic Transportation
- ISO Containers
- Evaporators





Calcium Carbide Leader in Mexico

- Calcium Carbide
- Carbumag
- Desulmet
- Synthetic Slags





The relocation of manufacturing production facilities from all around the world closer to the main consumer market (USA) demands dependable supply of industrial inputs.

As a business partner, **Grupo INFRA®** offers:

- The broadest production capabilities of industrial gases in Mexico
- Largest spare capacity within the main nearshoring area
- The most extensive industrial gases distribution network in the country, **ensuring a consistent supply at any time**
- The largest commercial force within the Mexican market, comprised of highly trained advisors, **ensuring customer satisfaction**
- Our joint venture with **Air Products and Chemicals** ensures trust, innovation and global expertise
- A wide array of products and services providing comprehensive solutions tailored to each client's needs
- We place strong emphasis on **sustainability, social responsibility, and operational safety**

The success of new manufacturing operations relies significantly on the support of business partners. **Grupo INFRA®** is fully prepared to enhance the productivity of new customers within the **Nearshoring** context.

Grupo INFRA®
is at the forefront of the
nearshoring wave

Major Industries and Applications

Food



Animal Stunning with CO₂



Food Freezing with liquid N₂



Induced Ripening of Fruits and Vegetables



Beef Carcass Chilling



Fumigation in Large Grain Silos



Oxygenation in Aquaculture



Oxygenation in Chicken Incubators



Modified Atmospheres Packaging (MAP)



Carbon Fertilization



Food Puffing

Major Industries and Applications

Beverages



Beverage-Grade CO₂



O₂ Biological Wastewater Treatments



PET Bottles Nitrogen Pressurization



Nitrogen Wine Preservation



Ozone Water Purification



Juice Freezing with Liquid N₂ for Transportation

Major Industries and Applications

- Automotive
- Aerospace
- Manufacturing



Brazing



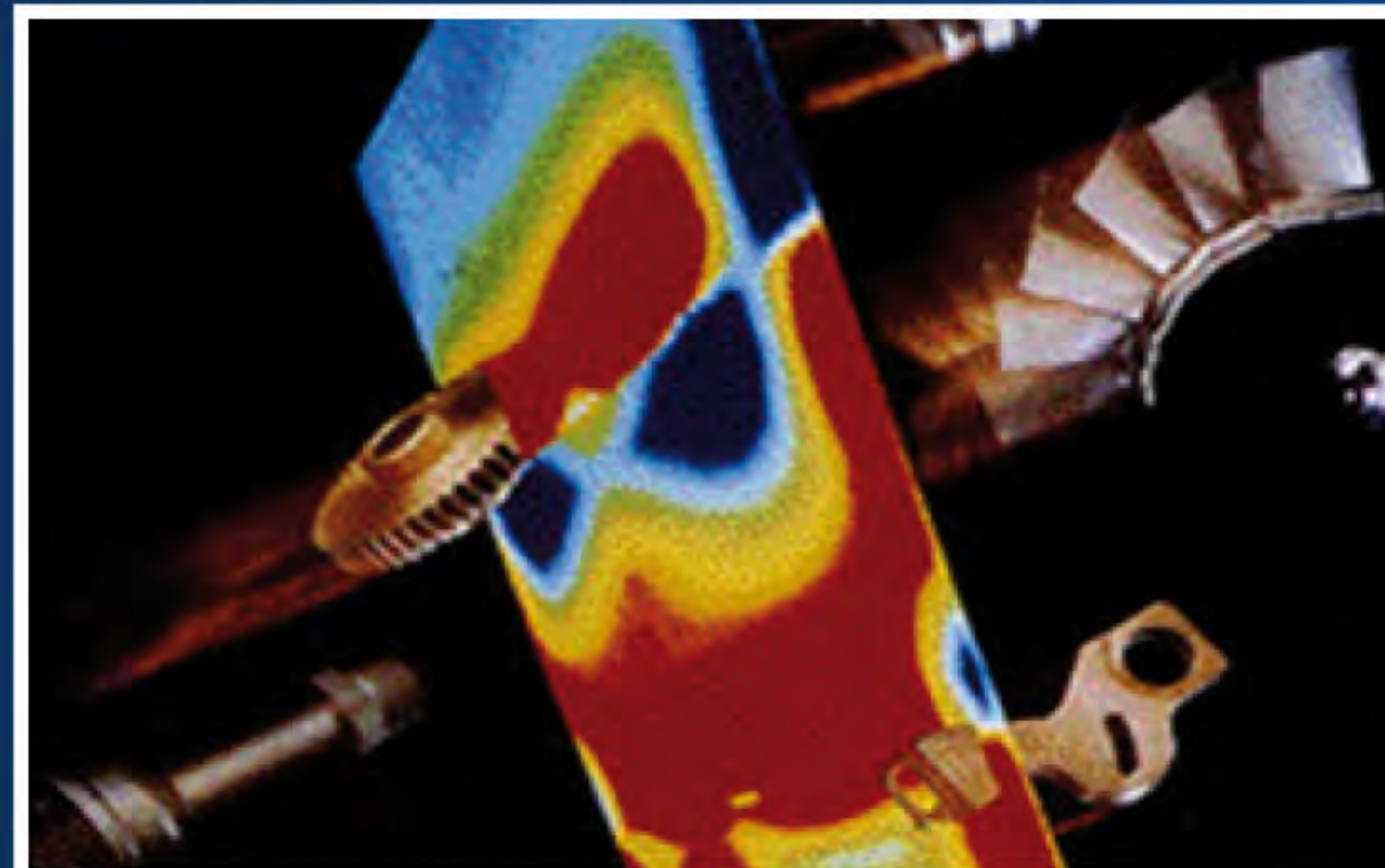
Carburizing



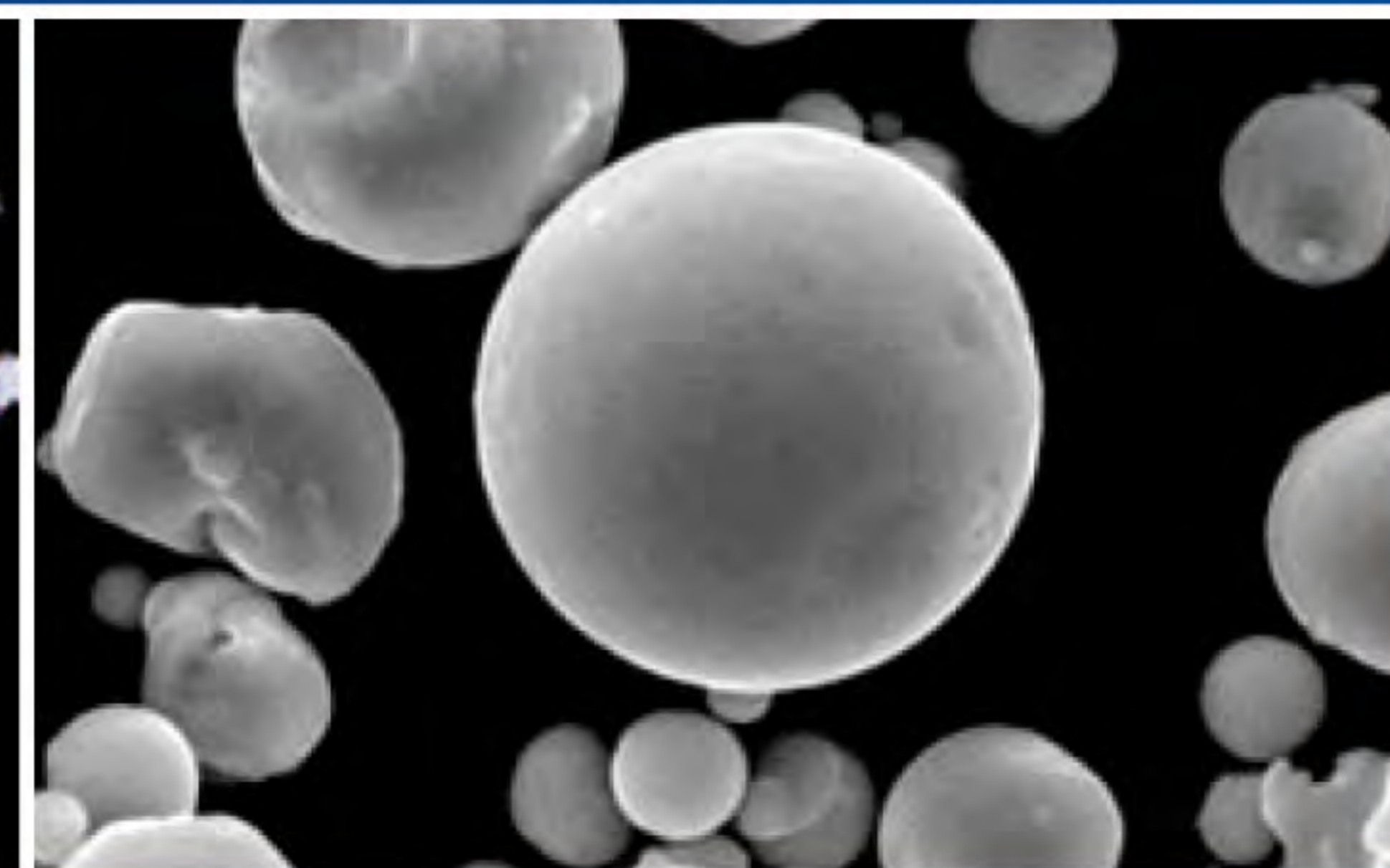
MIG/MAG Welding



Plasma Welding



Annealing



Sintered



TIG Welding



Laser Cutting

Major Industries and Applications

- Automotive
- Aerospace
- Manufacturing



Oxyfuel Welding
and Cutting



Cryogenic Deburring



Metal Cooling



Cryogenic Grinding



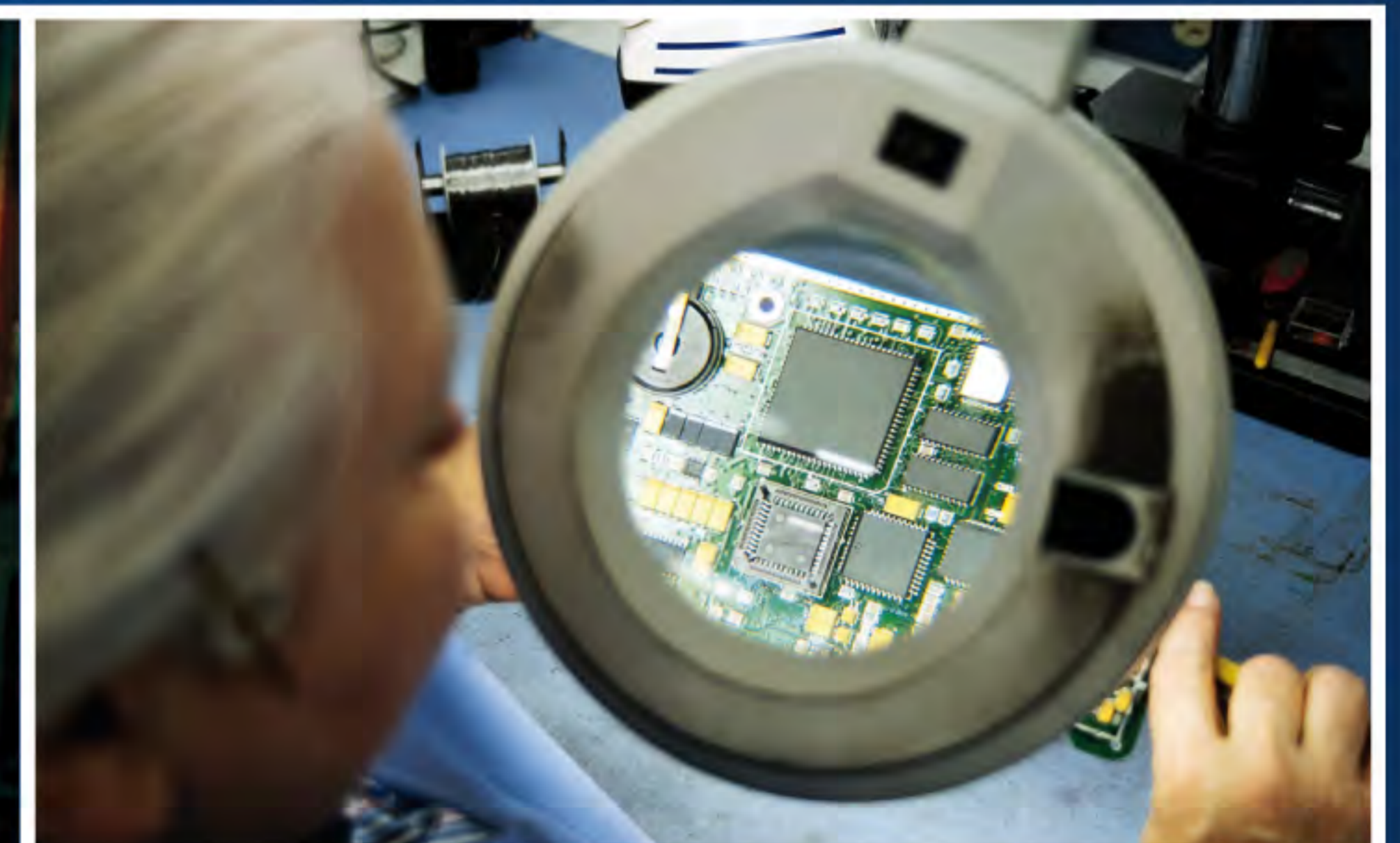
Plastics Foaming



Cryogenic Assemblies



Metal Foundries



Special Electronic
Applications

Major Industries and Applications

Pharmaceuticals



Sterilization
and Sanitization



Cryogenic Granulation



Oxygen Enrichment



Low-Temperature
Reactions



Lyophilization /
Freeze-Drying



Freezing & Cooling



Packaging /
Inerting / Blanketing

Major Industries and Applications

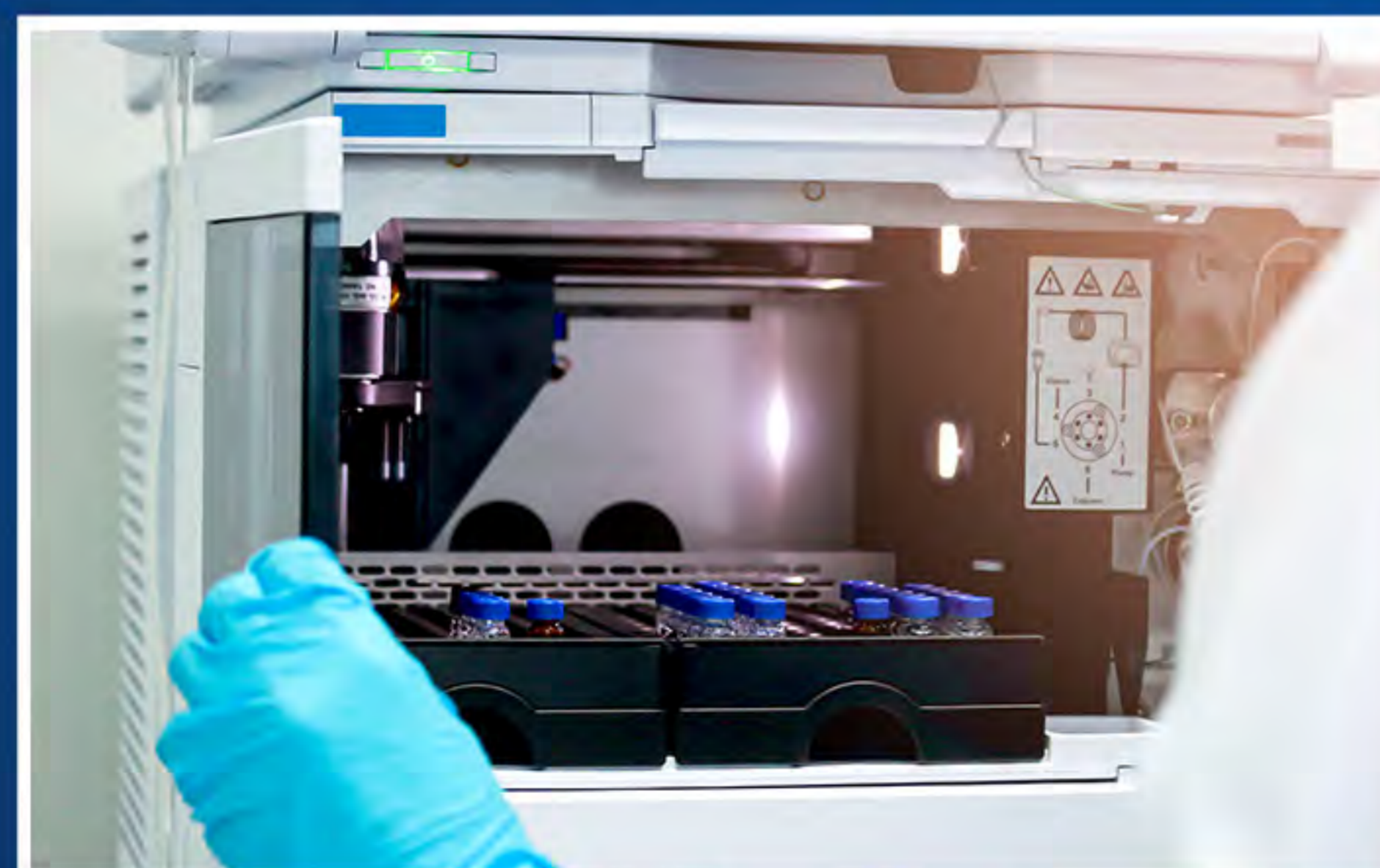
Research and Development



Freezing & Cooling



Gas-liquid
Chromatography



Atomic Absorption
Spectroscopy



Electron Microscope

Major Industries and Applications

Mining



Gold and Silver Leaching
Assisted with Oxygen



Cyanide Removal
with Oxygen



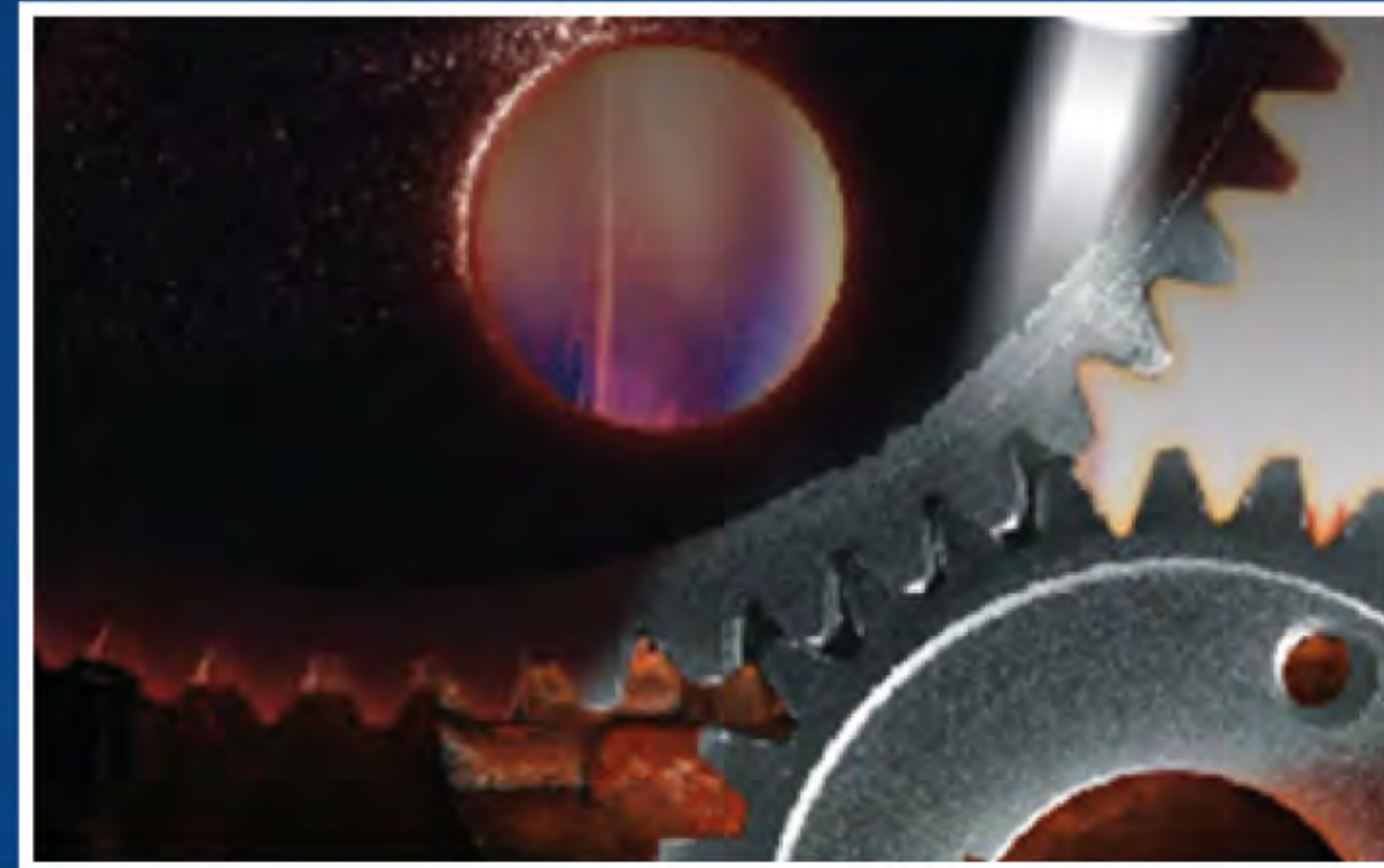
Lead Sulfide Flotation



Industrial Maintenance

Major Industries and Applications

Petroleum,
Chemical,
Petrochemical,
and the Environment



Calibration Gases



Cooling of Chemical Reactions
with Liquid Nitrogen



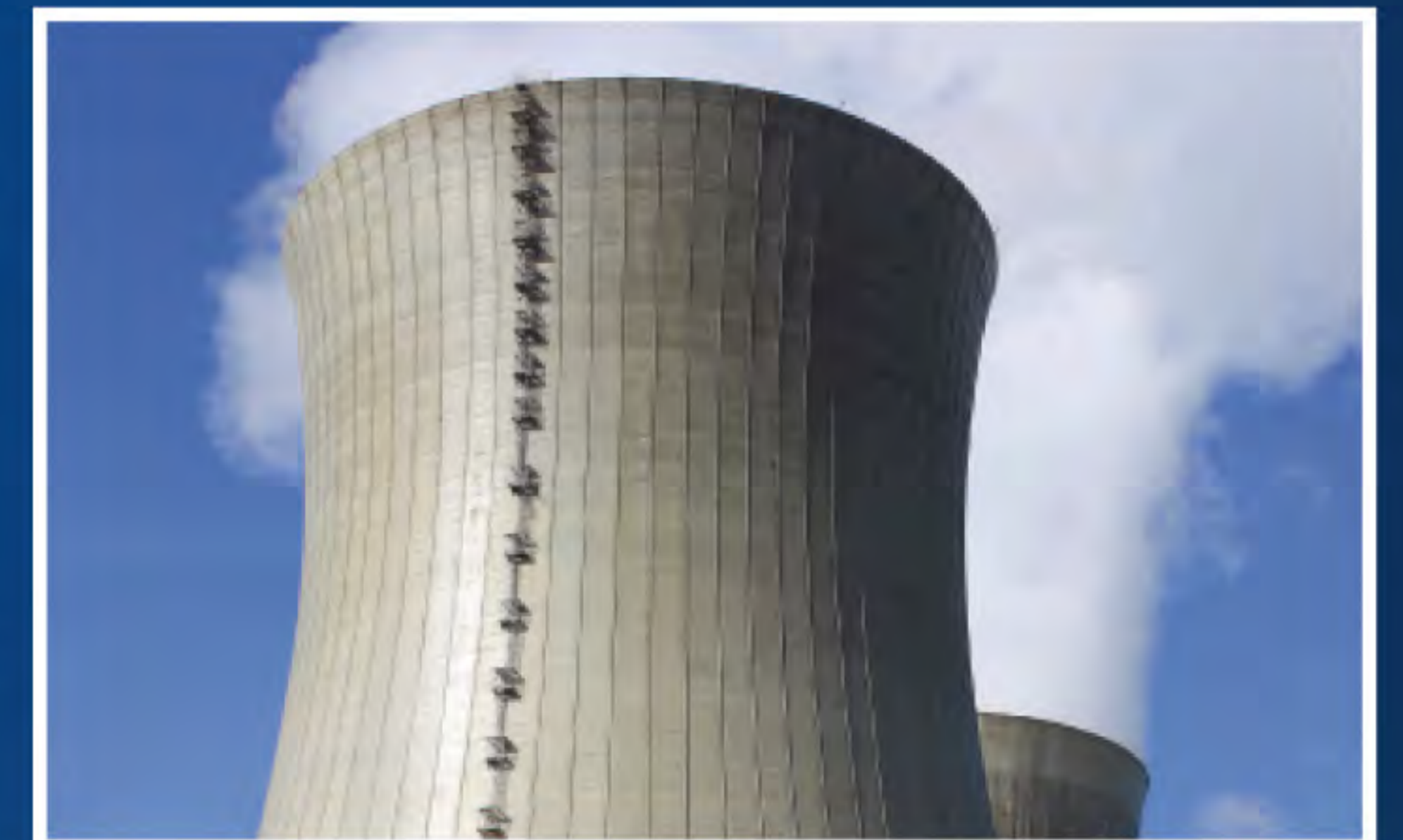
Diving Mixtures



Alkaline Wastewater
Neutralization



Calibration gases



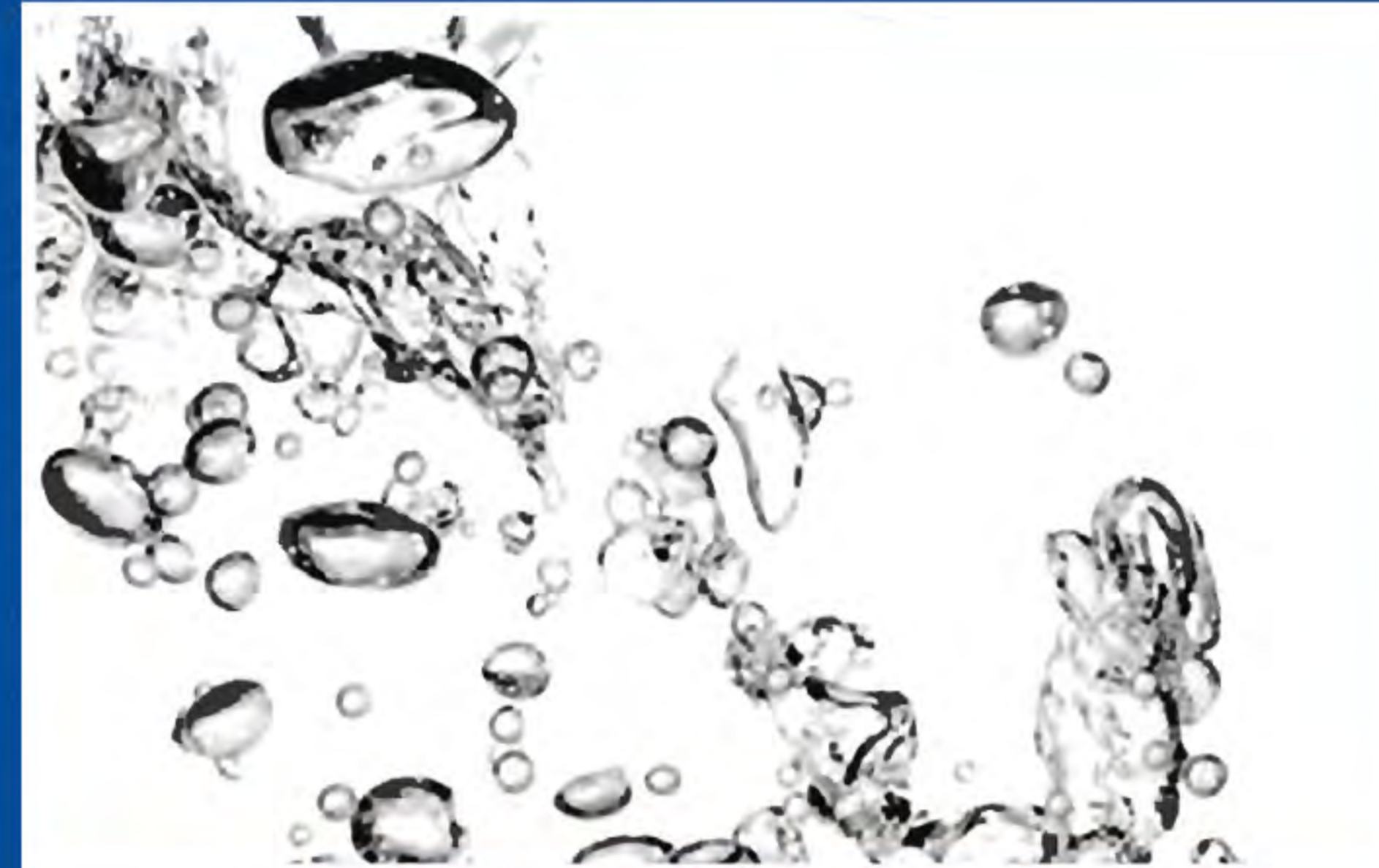
Emissions Monitoring

Major Industries and Applications

Petroleum,
Chemical,
Petrochemical,
and the Environment



Specialized Nitrogen
Services



Biological Wastewater
Treatment



Reactive Atmospheres

Representative List of Key Clients

